



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
SUPERFUND SITE STRATEGY RECOMMENDATION - REGION 06



Site Name: Phoenix Distribution

CERCLIS ID#: TX0000605434

Alias Site Name: Texas Liquid Fertilizer Co. Houston Plant

Address: 3508 Cherry Street

City/County or Parish/State/Zip: Houston/Harris County/Texas/77026



623478

Report Type: Combination PA/SI Report

Date: May 29, 2003

Author: TCEQ - Saru Basnet

RECOMMENDATION:

<input checked="" type="checkbox"/> 1. No Further Remedial Action Planned Under Superfund (NFRAP)	<input type="checkbox"/> 2. Further Investigation Needed Under Superfund <table border="0"><tr><td><input type="checkbox"/> PA</td><td><input type="checkbox"/> HRS</td><td>Priority: <input type="checkbox"/> High</td></tr><tr><td><input type="checkbox"/> SI</td><td><input type="checkbox"/> RI/FS</td><td><input type="checkbox"/> Low</td></tr><tr><td><input type="checkbox"/> ESI</td><td><input type="checkbox"/> RA</td><td></td></tr><tr><td><input type="checkbox"/> Other: _____</td><td></td><td></td></tr></table> To be performed by: _____	<input type="checkbox"/> PA	<input type="checkbox"/> HRS	Priority: <input type="checkbox"/> High	<input type="checkbox"/> SI	<input type="checkbox"/> RI/FS	<input type="checkbox"/> Low	<input type="checkbox"/> ESI	<input type="checkbox"/> RA		<input type="checkbox"/> Other: _____		
<input type="checkbox"/> PA	<input type="checkbox"/> HRS	Priority: <input type="checkbox"/> High											
<input type="checkbox"/> SI	<input type="checkbox"/> RI/FS	<input type="checkbox"/> Low											
<input type="checkbox"/> ESI	<input type="checkbox"/> RA												
<input type="checkbox"/> Other: _____													
<input type="checkbox"/> 3. Action Deferred to: <input type="checkbox"/> RCRA <input type="checkbox"/> NRC													
<input type="checkbox"/> 4. Site Being Addressed Under the State Voluntary Cleanup Program (VCP): <input type="checkbox"/> Yes <input type="checkbox"/> No													

NOTIFY AUTHORITY:

<input type="checkbox"/> Removal	<input type="checkbox"/> RCRA	<input type="checkbox"/> TSCA	<input type="checkbox"/> CAA	<input type="checkbox"/> SMCRA
<input type="checkbox"/> Remedial	<input type="checkbox"/> State/Tribe	<input type="checkbox"/> NPDES	<input type="checkbox"/> NRC	<input type="checkbox"/> Resource Trustee: _____
<input type="checkbox"/> CERCLA	<input type="checkbox"/> Federal	<input type="checkbox"/> UIC	<input type="checkbox"/> SPCC	<input type="checkbox"/> Other: _____
Enforcement	Facility			

SEND SSSR COPIES TO: ☐ 6SF-AC ☐ 6WQ-SP ☐ ATSDR ☒ State Agency ☐ Tribal Agency

DISCUSSION:

The Phoenix Distribution site consists of approximately 5.5 acres of land located at 3508 Cherry Street in Houston, Texas. There are four buildings (office building, lab, shop, and storage building). Also located at the site is a brick-line reservoir, loading rack, 20 cubic yard dumpster, drum storage area, and 15 aboveground storage tanks with a combined storage capacity of approximately 5 million gallons. The site is located in a mixed residential/commercial/light industrial area. A residential area is located approximately 850 feet southeast of the site. There is an automobile junk yard located on the northern perimeter of the site. A janitorial supply company, industrial rubber gasket company, and restaurant are located on the eastern site border.

The Phoenix Distribution site is an abandoned intermediate chemical blender that provided synthetic "liquors" to paper mills to process wood in the production of paper. Phoenix Distribution operated at this location from 1994 until July 2001 when the local paper mills ceased operating. Khempark Industries and Texas Liquid Fertilizer Company operated at the site from 1970 to 1994 blending phosphates, nitrates, and sulfates to produce liquid fertilizers. From 1920 to 1970, the site was operated by Hunt Wesson Foods, Wesson Oil Company, and South Texas Cotton Oil Company as an industrial cottonseed oil refinery.

Sampling for the Site Inspection was conducted from March 18 - 20, 2002. During the SI, twelve (12) source samples, including two duplicate samples, were collected and analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), pesticides/PCBs, and metals. Numerous chemical compounds were identified in the source


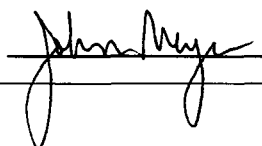
samples, including but not limited to tetrachloroethene, polyaromatic hydrocarbons (PAHs), delta-BHC, DDT, chlordane, arsenic, and zinc.

The Groundwater Pathway is not of concern at the site. Groundwater wells located within 4 miles of the site are generally used as backup and are treated and supplemented with surface water when used. There are only two water supply wells located within one-half mile of the site.

The Surface Water Pathway is the pathway of concern at the site and was the focus of the Site Inspection. During the Site Inspection, five (5) sediment samples including one duplicate and four (4) surface water samples including one duplicate were collected. Surface water runoff from the site flows into drainage ditches that parallel the site on the east and west property boundaries. Surface water then flows through a series of drainage ditches, through a 10-foot diameter culvert, and finally discharges to the Probable Point of Entry (PPE) in the southern tributary of Huntington Bayou. There are no surface water intakes located in Huntington Bayou. Only one sediment sample detected any hazardous constituents attributable to the site. This sample was collected upstream from the PPE in Huntington Bayou. No hazardous constituents were detected in the surface water samples.

Based on the results of the Site Inspection, the Phoenix Distribution site does not appear to meet the criteria necessary for listing on the National Priorities List (NPL) of federal Superfund sites. As such, it is recommended that the site receive a designation of "No Further Remedial Action Planned" (NFRAP) in CERCLIS and be deferred back to the TCEQ for any further action under their authority. This designation does not preclude future federal involvement with the site should site conditions change or a request be made by the State. The State will be provided a copy of this decision document.

#### APPROVALS:

<b>Report Reviewed by:</b>	<u>Bret Kendrick</u> (Site Assessment Manager)	<b>Signature:</b>	<u></u>	<b>Date:</b>	<u>12/06/10</u>
<b>Disposition Approved by:</b>	<u>John Meyer</u> (Section Chief 6SF-TR)	<b>Signature:</b>	<u></u>	<b>Date:</b>	<u>12/16/10</u>